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SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

Attorney Docket No.884,781US

United States Patent Application
COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **RECEIVER AND METHOD TO DETECT AND SYNCHRONIZE WITH A SYMBOL BOUNDARY OF AN OFDM SYMBOL.**

The specification of which was filed on September 30, 2003 as application serial no. 10/675213.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) or patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application or patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

no such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

no such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number
T/RU03/00124

Filing Date
March 28, 2003

Status
Pending

Attorney Docket No.: 884.781US1
 Serial No. 10/675213
 Filing Date: September 30, 2003

Page 2 of 4

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Peret, Andrew R.	Reg. No. 41,246
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Peterson, David C.	Reg. No. 47,857
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Plimier, Michael D.	Reg. No. 43,004
Arora, Suneel	Reg. No. 42,267	Huter, Jeffrey B.	Reg. No. 41,086	Price, Lucinda G.	Reg. No. 42,270
Bacon, Shirleen	Reg. No. 40,494	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Proksch, Michael A.	Reg. No. 43,021
Barre, Michael	Reg. No. 44,023	Jurkovich, Patti J.	Reg. No. 44,813	Proust, William F.	Reg. No. 33,995
Beale, Jay P.	Reg. No. 50,901	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
Beckman, Marvin L.	Reg. No. 38,377	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	Reg. No. 44,318
Bianchi, Timothy E.	Reg. No. 39,610	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	Reg. No. 39,422
Billion, Richard E.	Reg. No. 32,836	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Michael L.	Reg. No. 25,816
Black, David W.	Reg. No. 42,331	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brake, Edward	Reg. No. 37,784	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Brennan, Thomas P.	Reg. No. 35,075	Lin, Issac	Reg. No. 50,672	Secley, Mark	Reg. No. 32,299
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Chen, George	Reg. No. 50,807	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Choi, Glen	Reg. No. 43,546	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
Clark, Barbara J.	Reg. No. 38,107	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Cline, Timothy B.	Reg. No. 40,957	McCall, Molly	Reg. No. 46,126	Steiner, Paul E.	Reg. No. 41,326
Cochran, David R.	Reg. No. 46,632	McCrackin, Ann M.	Reg. No. 42,858	Stutman-Horn, Joni D.	Reg. No. 42,173
Cool, Kenneth J.	Reg. No. 40,570	Mehrle, Joseph P.	Reg. No. 45,535	Tong, Viet V.	Reg. No. 45,416
Crawford, Ted A.	Reg. No. 50,610	Mennemecier, Larry	Reg. No. 51,003	Tran, David	Reg. No. 50,804
Cuhl, John M.	Reg. No. 44,639	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Culizio, Andrew	Reg. No. 52,806	Nagy, Paul	Reg. No. 37,896	Viksmis, Ann S.	Reg. No. 37,748
Cuhl, Robert	Reg. No. 40,992	Nama, Prakash	Reg. No. 44,255	Wawrzyn, Robert	Reg. No. 54,654
Cueger, Jeffrey S.	Reg. No. 41,000	Nelson, A. James	Reg. No. 28,650	Wells, Calvin	Reg. No. 43,256
Cuake, Eduardo E.	Reg. No. 40,594	Nesheiwat, Michael J.	Reg. No. 47,819	Whittington, Stuart	Reg. No. 45,215
Cunbretson, Janet E.	Reg. No. 39,665	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Cutatz, Cindy	Reg. No. 39,973	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Cutrest, Bradley A.	Reg. No. 30,837	Padys, Danny J.	Reg. No. 35,635	Wisor, Rita	Reg. No. 41,382
Cutigne, Christopher	Reg. No. 36,142	Parker, Lanny	Reg. No. 44,281	Woessner, Warren D.	Reg. No. 30,440
Cuttrick, Gregory J.	Reg. No. 36,530	Parker, J. K.	Reg. No. 33,024	Wong, Sharon	Reg. No. 37,760
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Cutteen, Sharmini N.	Reg. No. 41,410	Pedersen-Giles, Alan	Reg. No. 39,996		
Cutenberg, Robert A.	Reg. No. 44,133	Perdok, Monique M.	Reg. No. 42,989		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. I will use direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:
 P.O. Box 2938, Minneapolis, MN 55402
 Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of joint inventor number 1: Alexander A. Maltsev
 Citizenship: Russian Federation
 Office Address: Verhne-Pecherskaya Str., 1-7
Nizhny Novgorod 603163
Russian Federation

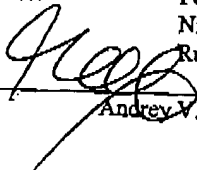
Residence: Nizhny Novgorod Russian Federation

Signature: Alexander A. Maltsev


Date: 20 January, 2004

Attorney Docket No.: 884.781US1
Serial No. 10/675213
Filing Date: September 30, 2003

Page 3 of 4

Full Name of joint inventor number 2 : Andrey V. PudeyevCitizenship: Russian FederationPost Office Address: Polyanskaya Str., 15/2
Nizhny Novgorod 603038
Russian FederationResidence: Nizhny Novgorod Russian FederationSignature: 
Andrey V. PudeyevDate: 20 January 2004Full Name of joint inventor number 3 : Alexei M. SoupikovCitizenship: Russian FederationPost Office Address: Izhorskaya St. 48/1-83
Nizhny Novgorod 603089
Russian FederationResidence: Nizhny Novgorod Russian FederationSignature: Alexei M. Soupikov

Date: _____

Full Name of joint inventor number 4 : Sergey A. TiraspolskyCitizenship: Russian FederationPost Office Address: Beryozovskaya Str., 116-133
Nizhny Novgorod 603157
Russian FederationResidence: Nizhny Novgorod Russian FederationSignature: 
Sergey A. TiraspolskyDate: 20 January, 2004

Attorney Docket No.: 884,781 US1
Serial No. 10/675213
Filing Date: September 30, 2003

Page 4 of 4

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by § 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the prior art, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



Attorney Docket No.884.781US1

SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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Application Number
PCT/RU03/00124

Filing Date
March 28, 2003

Status
Pending

Attorney Docket No.: 884.781US1
 Serial No. 10/675213
 Filing Date: September 30, 2003

Page 2 of 4

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Peret, Andrew R.	Reg. No. 41,246
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Bacon, Shireen	Reg. No. 40,494	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Proksch, Michael A.	Reg. No. 43,021
Barre, Michael	Reg. No. 44,023	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Beale, Jay P.	Reg. No. 50,901	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
Beekman, Marvin L.	Reg. No. 38,377	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	Reg. No. 44,318
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Choi, Glen	Reg. No. 43,546	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
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Please direct all correspondence in this case to **Schwegman, Lundberg, Woessner & Kluth, P.A.** at the address indicated below:

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Telephone No. (612)373-6900

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Full Name of joint inventor number 1 : **Alexander A. Maltsev**

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 Post Office Address: **Verhne-Pecherskaya Str., 1-7**
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Russian Federation

Residence: **Nizhny Novgorod Russian Federation**

Signature: _____
 Alexander A. Maltsev

Date: _____

Attorney Docket No.: 884.781US1
Serial No. 10/675213
Filing Date: September 30, 2003

Page 3 of 4

Full Name of joint inventor number 2 : Andrey V. Pudeyev

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Post Office Address: Polyanskaya Str., 15/2
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Signature: _____
Andrey V. Pudeyev

Date: _____

Full Name of joint inventor number 3 : Alexei M. Soupikov

Citizenship: Russian Federation

Residence: Nizhny Novgorod Russian Federation

Post Office Address: Izhorskaya St. 48/1-83
Nizhny Novgorod 603089
Russian Federation

Signature: _____
Alexei M. Soupikov

Date: February 10, 2004

Full Name of joint inventor number 4 : Sergey A. Tiraspolsky

Citizenship: Russian Federation

Residence: Nizhny Novgorod Russian Federation

Post Office Address: Beryozovskaya Str., 116-133
Nizhny Novgorod 603157
Russian Federation

Signature: _____
Sergey A. Tiraspolsky

Date: _____

Attorney Docket No.: 884.781 US1
Serial No. 10/675213
Filing Date: September 30, 2003

Page 4 of 4

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(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.